



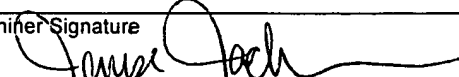
Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12221-005001	Application No.
	Applicant Marinus Frans Kaashoek et al.		
	Filing Date Herewith	Group Art Unit	

978 U.S. PTO
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
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Foreign Patent Documents or Published Foreign Patent Applications								
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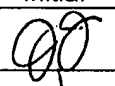

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AO	Steve Bellovin. DDoS Attacks and Pushback. NANOG21, Feb 18, 2001 http://www.aciri.org/pushback
	AP	Ratul Manajan, Steven M. Bellovin, Sally Floyd, Vern Paxson, Scott Shenker, and John Ioannidis. Controlling High Bandwidth Aggregates in the Network. draft paper, Feb 2001. http://www.aciri.org/pushback
	AQ	Stefan Savage, David Wetherall, Anna Karlin and Tom Anderson. Practical Network Support for IP Traceback. Proceedings of 2000 ACM SIGCOMM, Stockholm, Sweden, August 2000. http://www.cs.washington.edu/homes/savage/traceback.html
	AR	Steve Bellovin. ICMP Traceback Messages. AT&T Labs Research, Mar 2000. http://www.research.att.com/~smb/papers/draft-bellovin-itrace-00.txt


Examiner Signature 	Date Considered 3/4/03
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

Other Documents (include Author, Title, Date, and Place of Publication)		
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	AGG	Cisco. Characterizing and Tracing Packet Floods Using Cisco Routers. http://www.cisco.com/warp/public/707/22.html
	AHH	D. Senie. RFC2644 (BCP34), Changing the Default for Directed Broadcasts in Routers. IETF, August 1999. http://www.ietf.org/rfc/rfc2644.txt
	ALL	P. Ferguson, D. Senie. RFC2827 (BCP38): Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing. IETF, May 2000. http://www.ietf.org/rfc/rfc2827.txt
	AJJ	David G. Andersen, Hari Balakrishnan, and M. Frans Kaashoek, Robert Morris. The Case for Resilient Overlay Networks. Proc. of HotOS-VIII, Schloss Elmau, Germany, May 2001. http://nms.lcs.mit.edu/papers/ron-hotos2001.pdf

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Examiner Signature 	Date Considered 5/4/03
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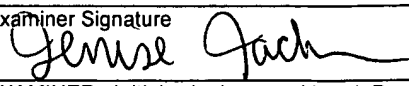
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	AXX							
	AYY							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AZZ	Cisco. Web-Site Security and Denial-of-Service Protection. http://www.cisco.com/warp/public/cc/pd/si/11000/prodlit/cswsc_wi.htm
	AAAA	Analysis of a Denial of Service Attack on TCP" by Schuba et al Proceedings of the 1997 IEEE Symposium on Security and Privacy (IEEE Computer Society Press, May 1997
	ABBB	Stefan Savage, David Wetherall, Anna Karlin and Tom Anderson. Practical Network Support for IP Traceback. Work in progress Technical Report UW-CSE-00-02-01. Date unknown. http://www.cs.washington.edu/homes/savage/traceback.html
	ACCC	Web page entitled "Aggregate Based Congestion Control and Pushback" last modified April 2001 Found at http://www.aciri.org/pushback




U.S. Patent Documents

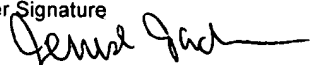
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	Applicant Marinus Frans Kaashoek et al.		
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Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	ANNN							
	AOOO							
	APPP							
	AQQQ							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	ARRR	D. Song et al., "Advanced and Authenticated Marking Schemes for IP Traceback", Proc. IEEE INFOCOM, April 2001, pp. 878-886.
	ASSS	R. Stone, "CenterTrack: An IP Overlay Network for Tracking DoS Floods", Proceedings of 9 th USENIX Security Symposium, Denver, CO, August 2000, pp. 199-212.
	ATTT	H. Burch et al., "Tracing Anonymous Packets to Their Approximate Source", Proc. USENIX LISA 00, December 2000, pp. 319-327.
	AUUU	

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	Applicant Marinus Frans Kaashoek et al.		
	Filing Date August 16, 2001	Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,796,942	8-18-98	Esbensen			
	AB	5,886,643	3-23-99	Diebboll et al.			
	AC	5,892,903	4-6-99	Klaus			
	AD	5,991,881	11-23-99	Conklin et al.			
	AE	6,088,804	7-11-00	Hill et al.			
	AF	6,108,782	8-22-00	Fletcher et al.			
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Foreign Patent Documents or Published Foreign Patent Applications								
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	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	"A System for Distributed Intrusion Detection", Snapp et al., Compcon Spring '91, Digest of Papers, Davis, CA, March 1991, pps 1 and 170-176.
	AR	
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

Examiner Signature <i>Glenn Jacob</i>	Date Considered 3/3/04
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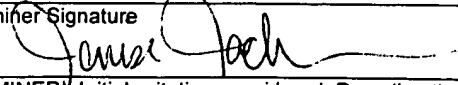
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		Filing Date Herewith	Group Art Unit

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U.S. Patent Documents							
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	AO	Steve Bellovin. DDoS Attacks and Pushback. NANOG21, Feb 18, 2001 http://www.aciri.org/pushback
	AP	Ratul Manajan, Steven M. Bellovin, Sally Floyd, Vern Paxson, Scott Shenker, and John Ioannidis. Controlling High Bandwidth Aggregates in the Network. draft paper, Feb 2001. http://www.aciri.org/pushback
	AQ	Stefan Savage, David Wetherall, Anna Karlin and Tom Anderson. Practical Network Support for IP Traceback. Proceedings of 2000 ACM SIGCOMM, Stockholm, Sweden, August 2000. http://www.cs.washington.edu/homes/savage/traceback.html
	AR	Steve Bellovin. ICMP Traceback Messages. AT&T Labs Research, Mar 2000. http://www.research.att.com/~smb/papers/draft-bellovin-itrace-00.txt

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U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
12221-005001

Application No.

**Information Disclosure Statement
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Applicant
Marinus Frans Kaashoek et al.Filing Date
Herewith

Group Art Unit

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U.S. Patent Documents

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	AEE							
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Other Documents (include Author, Title, Date, and Place of Publication)

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GO	AGG	Cisco. Characterizing and Tracing Packet Floods Using Cisco Routers. http://www.cisco.com/warp/public/707/22.html
	AHH	D. Senie. RFC2644 (BCP34), Changing the Default for Directed Broadcasts in Routers. IETF, August 1999. http://www.ietf.org/rfc/rfc2644.txt
	AIL	P. Ferguson, D. Senie. RFC2827 (BCP38): Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing. IETF, May 2000. http://www.ietf.org/rfc/rfc2827.txt
GY	AJJ	David G. Andersen, Hari Balakrishnan, and M. Frans Kaashoek, Robert Morris. The Case for Resilient Overlay Networks. Proc. of HotOS-VIII, Schloss Elmau, Germany, May 2001. http://nms.lcs.mit.edu/papers/ron-hotos2001.pdf

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Examiner Signature <i>Genia Jach</i>	Date Considered 3/4/03
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U.S. Department of Commerce
Patent and Trademark Office

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12221-005001

Application No.

**Information Disclosure Statement
by Applicant**

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Applicant

Marinus Frans Kaashoek et al.

Filing Date

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	AYY							

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	AZZ	Cisco. Web-Site Security and Denial-of-Service Protection. http://www.cisco.com/warp/public/cc/pd/si/11000/prodlit/cswsc_wi.htm
	AAAA	Analysis of a Denial of Service Attack on TCP" by Schuba et al Proceedings of the 1997 IEEE Symposium on Security and Privacy (IEEE Computer Society Press, May 1997
	ABBB	Stefan Savage, David Wetherall, Anna Karlin and Tom Anderson. Practical Network Support for IP Traceback. Work in progress Technical Report UW-CSE-00-02-01. Date unknown. http://www.cs.washington.edu/homes/savage/traceback.html
	ACCC	Web page entitled "Aggregate Based Congestion Control and Pushback" last modified April 2001 Found at http://www.aciri.org/pushback

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Patent and Trademark Office

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Applicant

Marinus Frans Kaashoek et al.

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